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Séminaire LSIS

Jeudi 16 février 2006, 11h, Polytech GII, Salle de conférences

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Titre : Discovery, Composition and Mediation in the Global Service-Oriented Architecture

Résumé : After a brief and general overview of the issues related to the discovery, composition and mediation of web services for the effective and efficient realization of a global service-oriented architecture, we present the service-bank problem. The service-bank problem consists in finding the optimal combination of services (described by their input and output parameters) to obtain some output given some input. The problem is shown to be one of finding the shortest (forward) hyper-path in a hyper-graph. We outline the modeling of the problem and the approaches to solutions and approximate solutions to this problem.

Biographie : Dr. Stéphane Bressan is a senior lecturer in the Department of Computer Science at the School of Computing (SoC), National University of Singapore and adjunct associate professor at Malaysia University of Science and Technology. He is a member of the XML working group of the Singapore Information Technology Standards Committee (ITSC) and an advisory member of the executive committee of the XML user group of Singapore (XMLone). His area of research is the integration and management of disparate information.

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